

WATER SYSTEM OPERATOR I

Class Definition

Under supervision, assists in the installation, maintenance, and repair of the City's water system.

Distinguishing Characteristics

Water System Operator I is the working level class in the Water System Operator series. Incumbents perform semiskilled and skilled duties in the repair, maintenance, and installation of water system facilities. This class is distinguished from Water System Operator II in that incumbents of the latter may have lead responsibility. It is distinguished from Laborer, in that it requires skills, knowledge and experience in water system repair, maintenance and installation.

Typical Tasks

(This list is neither inclusive nor exclusive. Consequently, this information may not reflect Essential Functions for this class.)

Installs, maintains, and repairs water mains, valves, meters, fire hydrants, pressure regulators, pumps and tanks, water treatment equipment, production equipment, and other water system facilities.

Operates and services equipment used in the repair, installation, and maintenance of water system facilities including compressors, jack hammers, trenchers, trucks and heavy equipment.

Keeps accurate records.

Performs minor concrete work, e.g., around hydrants, meter boxes, and pouring hydrant pads, pump pedestals and short sections of sidewalks and curbs.

Performs water sampling

Performs other duties as assigned.

Knowledge, Abilities and Skills

Knowledge of the materials, methods, practices, and equipment used in the installation and maintenance of valves, hydrants, water mains, meters, regulators, pumps, treatment equipment and water services.

Knowledge of occupational hazards and safety precautions.

Some knowledge of the design and operation of water systems. Some knowledge of the tools, equipment and testing procedures employed in the community water supply industry.

Some knowledge of the applicable municipal codes and regulations.

Ability to locate mains, pipes, hydrants, and meters.

Ability to keep simple, accurate records.

Ability to follow and prepare oral and written instructions.

Ability to safely operate assigned vehicles, tools and equipment in the installation and maintenance of the water system.

Ability to plan and order materials necessary to accomplish assigned tasks.

Ability to perform simple arithmetic computations.

Physical strength and agility to work outdoors under arduous conditions.

Ability to establish and maintain effective, courteous working relationships with others, including the public.

Minimum Qualifications

One year of experience in the installation, maintenance, and repair of water mains and services or service and maintenance of water production or treatment facilities.

Special Requirement

Possession of a valid California Driver's License at time of appointment. Depending on assignment area: 1) may be required to obtain and maintain a valid Commercial Class A, B or C California Driver's License with appropriate endorsements for entire term of employment; 2) must obtain and maintain a valid Water Treatment Operator Certificate, Grade T1, or a Water Distribution Operator Certificate, Grade D1, issued by the State of California, Department of Health Services, within 12 months of assignment.

NOTE - Recruitments may be limited to a specific program area of expertise as required by operational needs. Failure to obtain and maintain the valid certification within the specified time frame shall be cause for termination from this class.

APPROVED: _____
Director of Personnel Services

DATE: _____

JC:TM;jl:08/06/02